


410 Rec'd PCT/PTO 0 5 NOV 1999

COMPUTER GENERATED FORM PTO-1390 (REV 10-97)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NO. 3815/90
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED /ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>09/423131</b>
INTERNATIONAL APPLICATION NO. PCT/JP99/01092	INTERNATIONAL FILING DATE March 5, 1999	PRIORITY DATE CLAIMED March 6, 1998	
TITLE OF INVENTION TRAFFIC CONTROL UNIT AND TRAFFIC CONTROL METHOD			
APPLICANT(S) FOR DO/EO/US Hiroshi Kawakami, Motoshi Tamura, Fumiaki Ishino, Daisuke Akiyama and Masatomo Nakano			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office.</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An executed oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
<b>Items 11. To 16. Below concern document(s) or information included:</b>			
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input type="checkbox"/> Other items of information:</li> <li>17. <input checked="" type="checkbox"/> The following fees are submitted:</li> </ol>			

U.S. APPLICATION NO. <u>09/423131</u>		INTERNATIONAL APPLICATION NO. PCT/JP99/01092		ATTORNEY'S DOCKET NO. 3815/90	
<b>BASIC NATIONAL FEE ( 37 CFR 1.492(a) (1)-(5) ):</b>				<b>CALCULATIONS      PTO USE ONLY</b>	
Search Report has been prepared by the EPO or JPO . . . . . \$840.00					
International preliminary examination fee paid to USPTO (37 CFR 1.482) . . . . . \$720.00					
No international preliminary examination fee paid to USPTO (37 CFR 1.482)- - But international search fee paid to USPTO (37 CFR 1.445(a)(2)) . . . . . \$760.00					
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO . . . . . \$970.00					
International preliminary examination fee paid to USPTO (37 CFR 1.482) And all claims satisfied provisions of PCT Article 33(2)-(4) . . . . . 96.00					
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				\$840	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 Months from the earliest claims priority date (37 CFR 1.492 (e))				\$	
Claims	Number Filed	Number Extra	Rate		
Total claims	10-20 =	0	x \$18.00	\$	
Independent claims	4-3 =	1	x \$78.00	\$ 78	
MULTIPLE DEPENDENT CLAIMED (if applicable)			+ \$260.00	\$	
<b>TOTAL OF ABOVE CACULCATIONS =</b>				\$918	
Reduction of ½ for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28)				\$	
<b>SUBTOTAL =</b>				\$918	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f))				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$918	
				Amount to be refunded	\$
				charged	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$918.00</u> to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 40.00</u> to cover the assignment fee is enclosed.</p> <p>c. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4270</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4270</u>. A duplicate copy of this sheet is enclosed.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					
<p><b>SEND ALL CORRESPONDENCE TO:</b></p>					
Brown Raysman Millstein Felder & Steiner LLP 120 West 45 <sup>th</sup> Street New York, New York 10036 (212) 944-1515			 SIGNATURE <hr/> NAME <u>Larry Liberchuk</u> <hr/> REGISTRATION NUMBER <u>40,352</u>		

09/423131  
514 Rec'd PCT/PTO 05 NOV 1999

Docket No. 3815/90

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Hiroshi Kawakami, et al.

Int'l. Appl. No.: PCT/JP99/01092

Int'l. Filing Date: March 5, 1999

U.S. Serial No.: To be assigned

Filing Date: Concurrently herewith

Title: TRAFFIC CONTROL UNIT AND TRAFFIC CONTROL  
METHOD

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

Express Mail Label No.: EJ916884944US

Date of Deposit: November 5, 1999

I hereby certify that the enclosed Transmittal Letter to the United States

Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 and

required documents for entry into the national phase under PCT for the identified

application are being deposited with the United States Postal Service "Express Mail Post

Office to Address" service under 37 CFR §1.10 on the date indicated above and is

addressed to:

Assistant Commissioner for Patents  
BOX PCT  
Washington, DC 20231

The following is a list of the documents submitted herewith:

- (1) Transmittal Letter to the United States Designated/Elected Office concerning a filing under 35 U.S.C. 371
- (2) Verified translation of Application (Specification-27 pages)

09/423131  
514 Rec'd PCT/PTO 05 NOV 1999

- (3) Formal Drawings Figs. 1-12 consisting of 12 sheets
- (4) Check for \$918
- (5) Executed Declaration of the Inventors (4 pages)
- (6) Assignment with Recordation Cover
- (7) Check for \$40
- (8) Preliminary Amendment
- (9) A copy of Form PCT/IB/308 indicating that a copy of the International Application was submitted to the US.
- (10) Return Postcard

Respectfully submitted,

Dated: November 5, 1999

By:



Larry Liberchuk  
Registration No. 40,352  
Attorney for Applicants  
Brown Raysman Millstein Felder & Steiner LLP  
120 West Forty-Fifth Street  
New York, New York 10036  
Phone: (212) 944-1515 Fax: (212) 840-2429

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re International Application of

Hiroshi KAWAKAMI, Motoshi TAMURA, Fumiaki ISHINO,  
Daisuke AKIYAMA and Masatomo NAKANO

International Serial No.: PCT/JP99/01092

International filing date: March 5, 1999

For: TRAFFIC CONTROL UNIT AND TRAFFIC CONTROL METHOD

VERIFICATION OF TRANSLATION

Honorable Commissioner of Patent and Trademark  
Washington, D.C. 20231  
Sir:

Masashi SHINKAI residing at c/o TANI & ABE, No. 6-20, Akasaka 2-chome,  
Minato-ku, Tokyo 107-0052, Japan, declares:

(1) that he knows well both the Japanese and English  
languages;

(2) that he translated the claims of the above-  
identified International Application from Japanese to English;

(3) that the attached English translation is a true and  
correct translation of the claims, specification and drawings of  
the above-identified International Application to the best of his  
knowledge and belief; and

(4) that all statements made of his own knowledge are  
true and that all statements made on information and belief are  
believed to be true, and further that these statements are made  
with the knowledge that willful false statements and the like are  
punishable by fine or imprisonment, or both, under 18 USC 1001,  
and that such false statements may jeopardize the validity of the  
application or any patent issuing thereon.

October 20, 1999

Date

Masashi Shinkai

Masashi SHINKAI